| POSITION                  | INITIALS | ID NO. | DATE      |  |  |  |  |  |
|---------------------------|----------|--------|-----------|--|--|--|--|--|
| FEE DETERMINATION         | Odniel   |        | 07-28-01  |  |  |  |  |  |
| O.I.P.E. CLASSIFIER       |          | 10     | 8-3-01    |  |  |  |  |  |
| FORMALITY REVIEW          | ha       | 946    | 13/00/01  |  |  |  |  |  |
| RESPONSE FORMALITY REVIEW | 14.)     | 10701  | 105/0+/03 |  |  |  |  |  |

## **INDEX OF CLAIMS**

| ✓ Rejected                   | N Non-elected |
|------------------------------|---------------|
| = Allowed                    | IInterference |
| — (Through numeral) Canceled | A Appeal      |
| → Restricted                 | O Objected    |

| ÷   |          |            |                  |                    |                    |                                     |          |              |              | R            | estri        | cte      | d |          |                | (                       |           |              |   |          |              | Objected |           |                         |          |          |           |            |              |           |          |                |          |          |                |           |                 |          |
|-----|----------|------------|------------------|--------------------|--------------------|-------------------------------------|----------|--------------|--------------|--------------|--------------|----------|---|----------|----------------|-------------------------|-----------|--------------|---|----------|--------------|----------|-----------|-------------------------|----------|----------|-----------|------------|--------------|-----------|----------|----------------|----------|----------|----------------|-----------|-----------------|----------|
| ′ [ | Cla      | Claim Date |                  |                    |                    | ſ                                   | Clai     | im           |              |              | Date         |          |   |          |                |                         |           |              |   | Clai     | m            | Date     |           |                         |          |          |           |            |              |           |          |                |          |          |                |           |                 |          |
|     | Final    | Qriginal   | ۶)<br>الا<br>الا | -                  |                    |                                     |          |              |              |              |              |          |   | Final    | 15<br>Original |                         |           |              |   |          |              |          |           |                         |          | -        | Final     | Original   |              |           |          |                |          |          |                |           |                 | _        |
| ŀ   | -        | (ے)        | _                | $\dashv$           | -                  | $\dashv$                            |          |              | $\dashv$     | $\dashv$     | $\dashv$     | -        | ł |          | 52             | -                       | +         | +            | +   | +        | +            | $\dashv$ | +         | +                       | $\dashv$ | ┝        |           | 102        | +            | +         | $\dashv$ | +              | +        | $\dashv$ | $\dashv$       | $\dashv$  |                 | -        |
| ŀ   |          | 2          | _                | $\dashv$           |                    | $\dashv$                            | $\dashv$ | $\dashv$     | -+           | -            | -            | $\dashv$ | } |          | 53             | +                       | ┿         | ╬            | +   | +        | $\dashv$     | $\dashv$ | $\dashv$  | $\dashv$                | $\dashv$ | -        |           | 103        | +            | +         | $\dashv$ | +              | $\dashv$ | $\dashv$ | $\dashv$       |           | $\dashv$        | _        |
| ļ   | -        | 3          | V                | _                  |                    | -                                   | -        | $\dashv$     | $\dashv$     | -            |              | ᅴ        | ŀ |          | 54             | ╁                       | +         | +            | +   | -+       | -+           | ╛        | +         | $\dashv$                | -        | ┝        | _         | 104        | +            | +         | +        |                | -        |          | $\dashv$       | $\dashv$  | $\dashv$        | -        |
| -   | }        | 4          | 7                | -                  | $\dashv$           | -                                   | $\dashv$ | $\dashv$     | -            | -            | $\dashv$     | $\dashv$ | ŀ |          | 55             | +                       | +         | ╅            | +   | +        | $\dashv$     | $\dashv$ | -         | $\dashv$                | -        | F        |           | 105        | +            | +         | ┪        | $\dashv$       | ┪        | _        | 十              | $\dashv$  | -               | -        |
| ŀ   | 9        | او)        | 7                | $\dashv$           | $\dashv$           | $\dashv$                            | $\dashv$ | $\dashv$     |              |              | $\dashv$     | $\dashv$ | ŀ |          | 56             | +                       | +         | ╁            | +   | $\dashv$ | $\dashv$     | $\dashv$ | ┪         | $\dashv$                |          | <b>-</b> | _         | 106        | +            | +         | +        | $\dashv$       | $\dashv$ | _        | $\dashv$       | $\dashv$  | $\dashv$        | _        |
| ł   | -        | Ů          | •                | -                  | $\dashv$           | $\dashv$                            | -        | $\dashv$     | -            | $\dashv$     | $\dashv$     | $\dashv$ | ł |          | 57             | +                       | +         | ╁            | +   | $\dashv$ | 十            | 十        | -         | +                       | ᅥ        | F        |           | 107        | $^{\dagger}$ | $\dagger$ | $\dashv$ | ┪              | ┪        | 7        | $\dashv$       | $\dashv$  | 一               | Г        |
| - 1 |          | 4          | ン                | $\dashv$           | $\dashv$           | -                                   |          | $\dashv$     | $\dashv$     | $\dashv$     | -            | $\dashv$ | 1 |          | 58             | +                       | ╅         | +            | +   | $\dashv$ | ┪            | -        | _         | $\dashv$                | ⊣        | ŀ        | 1         | 108        | +            | $\dagger$ | $\dashv$ | _              | $\dashv$ | -        | $\dashv$       | $\exists$ | $\dashv$        | _        |
|     |          | 9          |                  | -                  |                    | ᅱ                                   | $\dashv$ |              | $\dashv$     |              |              | $\dashv$ | ŀ |          | 59             | +                       | +         | ╁            | +   | 十        | +            | $\dashv$ | -         | +                       | ┪        | F        | _         | 109        | $\dagger$    | Ť         | ┪        | _              | 1        | 寸        | $\dashv$       | $\exists$ |                 | _        |
| 1   | _        | نائ        | ゝ                | Н                  | $\vdash$           | +                                   | 一        | $\vdash$     | $\dashv$     | ┪            | 寸            | ┨        | ŀ |          | 60             | +                       | $\dagger$ | 十            | 十   | $^{+}$   | 寸            | 7        | 寸         | 寸                       | _        | <b>-</b> |           | 110        | $\dagger$    | $\top$    | $\dashv$ | 一              | T        | _        | 一              |           | $\Box$          | Γ        |
|     | _        | 11         | V                |                    | $\dashv$           | +                                   | $\neg$   | $\neg$       | $\dashv$     | $\dashv$     |              | ᅱ        | ŀ |          | 61             | +                       | 十         | +            | +   | 十        | 7            | 7        | T         | T                       | ┪        | r        |           | 111        | +            | T         | T        | ╛              |          | ┪        | $\dashv$       |           | 一               | Γ        |
| 1   |          |            | _                | Н                  | $\dashv$           | 寸                                   | -        |              | $\exists$    | $\neg$       | 一            | ᅥ        |   |          | 62             | +                       | ✝         | +            | _   | $\dashv$ | 寸            | ヿ        |           | _                       | ┪        | Ī        | _         | 112        | Ť            | 1         | 7        |                |          | $\neg$   | _              |           | П               | Г        |
|     |          | 13         |                  | Н                  | $\Box$             | $\dashv$                            | _        |              |              | $\dashv$     |              | $\neg$   | l | $\dashv$ | 63             | +                       | 十         | $\top$       | $\top$  | 7        | 1            | 寸        | 寸         |                         |          | ı        |           | 113        | +            | ┪         | ᅥ        |                | ╗        | $\dashv$ | $\neg$         | П         | П               | Γ        |
|     |          | 14         |                  | Н                  |                    | $\dashv$                            | $\dashv$ |              | T            |              |              | _        |   |          | 64             | +                       | 1         | $\top$       | $\dagger$   | _        | _            | 寸        | T         | 一                       | ヿ        | - [      | _         | 114        | T            | T         | ┪        | $\dashv$       | $\neg$   |          | $\neg$         |           | П               | Γ        |
|     |          | 15         | Ž                | Н                  | $\vdash$           | $\dashv$                            |          | $\dashv$     |              |              | $\vdash$     | $\neg$   |   |          | 65             | Ť                       | +         | +            | 1   | 1        |              | 寸        | 寸         | 寸                       | $\dashv$ | Ť        |           | 115        | $\dagger$    | T         | ╛        | 寸              | 寸        | Ti       | $\neg$         |           | П               | Г        |
|     | <u>-</u> | 16         | V                | H                  | Н                  | $\dashv$                            | _        | Н            | $\neg$       | ヿ            | $\dashv$     | $\dashv$ |   |          | 66             | +                       |           | 十            | 7   | _        | $\neg$       | T        | T         | T                       | ヿ        |          | T         | 116        | T            | 7         | 7        |                |          | 一        |                | П         | П               | Γ        |
|     | -        | 17         |                  |                    |                    | $\neg$                              |          |              |              |              | $\Box$       | ╗        |   |          | 67             | $\top$                  |           | 1            | 7   | $\neg$   | T            |          | T         | 寸                       | $\neg$   |          | ı         | 117        | T            | 1         |          |                | 一        |          |                |           | П               | Γ        |
|     |          | 18         | V                |                    | П                  | $\neg$                              |          |              |              |              | П            | $\neg$   |   |          | 68             | $\top$                  |           | T            |   | 1        |              | Î        |           | _                       |          | Γ        |           | 118        | T            | 1         |          |                | T        |          |                |           | П               | Γ        |
|     |          | 19         | V                | $\vdash$           |                    |                                     |          |              |              |              |              | $\neg$   |   | 7        | 69             | Т                       | T         | $\top$       | 寸   |          |              | T        | T         | $\neg$                  | _        | Γ        |           | 119        | T            | T         | ٦        | Ţ              | $\neg$   |          |                | П         | П               | Г        |
|     | _        | 20         | V                |                    | П                  |                                     |          |              |              |              | П            |          |   |          | 70             | $\top$                  | $\top$    | 十            | 7   |          |              | T        |           | T                       |          |          |           | 120        | T            | T         |          | $\Box$         |          |          |                | П         | П               | Г        |
|     |          |            | _                |                    | Н                  | -                                   |          | H            |              | $\vdash$     |              | $\dashv$ |   | Н        | 71             | 十                       | +         | $^{+}$       | $^{+}$  | $\dashv$ | 寸            | 寸        | 寸         | 寸                       | $\dashv$ | h        | $\exists$ | 121        | +            | ┪         |          | Ħ              | ヿ        | T        | T              |           |                 | Г        |
|     | -        | 22         |                  | -                  | Н                  | Н                                   |          | H            |              |              | Н            | $\dashv$ |   | Н        | 72             | 十                       | $\top$    | +            | 十   | 7        | ┪            | 1        | $\neg$    | T                       | ヿ        | f        |           | 122        | 1            |           |          |                |          | コ        | $\neg$         | П         | $\Box$          | Г        |
|     | Ь,       |            |                  | -                  | H                  | Н                                   |          | -            | Н            |              |              |          |   |          | 73             | 1                       | 十         | T            | $\neg$  | $\neg$   | コ            |          | $\neg$    | $\neg$                  | $\neg$   | Ī        |           | 123        | 7            | T         |          |                |          |          | $\neg$         | П         | П               | Γ        |
| _   | _        | 24         | ۲                | -                  |                    | Н                                   |          |              | Н            | $\neg$       |              |          |   |          | 74             | ┪                       | 十         | T            | す   | 7        | $\exists$    | $\neg$   | $\exists$ | 一                       | ┑        | ٦        |           | 124        | 7            | T         |          | $\neg$         |          |          |                |           |                 | Γ        |
|     |          | 25         | T                | П                  |                    |                                     |          |              |              |              |              |          |   |          | 75             | $\dashv$                | 1         | 1            | T   | $\neg$   |              |          |           | $\neg$                  | $\neg$   | - [      |           | 125        |              | T         |          |                |          |          |                |           |                 |          |
|     |          | 26         | Г                |                    |                    | П                                   |          | $\vdash$     | П            |              |              |          |   |          | 76             | $\top$                  | ┪         | 7            | 丁   | T        | ヿ            |          |           |                         | ╗        |          |           | 126        |              | ٦         |          |                |          |          |                |           |                 |          |
|     | Г        | 27         | t                |                    |                    |                                     |          |              |              |              |              |          |   |          | 77             | T                       |           | $\top$       | 1   | 丁        | ヿ            | $\neg$   | Ī         |                         | ٦        | Γ        |           | 127        | T            | T         |          |                |          |          |                |           |                 |          |
|     |          | 28         | t                | Г                  |                    | П                                   |          |              |              |              |              |          |   |          | 78             | T                       | T         | 7            | T   | T        |              | $\neg$   |           |                         |          |          |           | 128        |              |           |          |                |          |          |                |           | Ш               | L        |
|     | Т        | 29         |                  | Г                  |                    |                                     |          |              | П            |              | П            |          |   |          | 79             | T                       | 7         | $\neg$       | T   |          |              |          |           |                         |          |          |           | 129        |              |           |          |                |          |          |                |           | $\square$       | L        |
|     | -        | 30         |                  | Π                  |                    |                                     |          | Г            |              |              |              |          |   |          | 80             | Т                       |           |              | $\neg$  |          |              |          |           |                         |          |          |           | 130        |              |           |          |                |          |          |                |           | Ш               | L        |
| -   | -,"      | 31         | Г                | Г                  |                    |                                     |          |              | П            |              | П            |          |   |          | 81             | 1.                      | $\Box$    | $\perp$      |   |          |              |          |           |                         |          |          |           | 131        |              | $\perp$   |          |                |          |          | Ш              | L         | Ш               | L        |
| 7   |          | 32         |                  | Г                  |                    |                                     |          |              |              |              | П            |          |   |          | 82             |                         |           |              |   |          |              |          |           |                         |          |          |           | 132        |              |           |          |                | _        |          |                | Ш         | Ш               | L        |
|     |          | 33         |                  |                    |                    |                                     |          |              |              |              |              |          |   |          | 83             | $oldsymbol{\mathbb{I}}$ | $\perp$   | floor        | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $\Box$   | $oxed{oxed}$ |          |           |                         |          |          |           | 133        | $\perp$      | Ц         |          | Ш              |          |          |                | igspace   | ╙               | L        |
|     |          | 34         |                  |                    |                    |                                     |          |              |              |              |              |          |   |          | 84             | $\perp$                 |           |              | $\perp$   | _[       |              |          | $\Box$    | Ц                       | $\Box$   | L        |           | 134        | $\downarrow$ | _         |          | Ш              | _        |          | Щ              | ╙         | $\sqcup$        | L        |
|     |          | 35         | 匚                |                    |                    |                                     |          |              |              |              | $\Box$       |          |   |          | 85             | _                       | $\bot$    | _            | $\perp$   | _ļ       | _            | $\Box$   | _         | Щ                       | ᆜ        | Ļ        |           | 135        | 4            | _         |          | Щ              | _        | 4        | Щ              | $\vdash$  | $\vdash \vdash$ | $\vdash$ |
|     | Ĺ        | 36         |                  |                    |                    |                                     |          |              |              |              | $oxed{oxed}$ |          |   | L_       | 86             | $\perp$                 | $\perp$   | 4            | $\dashv$  | _        | _            | _        |           | ╙                       | _        | Ļ        | _         | 136        | 4            | 4         | _        | Ш              | _        | 4        | Щ              | $\vdash$  | $\vdash \vdash$ | ⊦        |
|     | Ĺ        | 37         | L                | $\Box$             |                    | Ц                                   |          | L            | Ш            | Ш            |              | Ц        | l | L_       | 87             | $\perp$                 | $\perp$   | 4            | _   | _        | _            |          | _         | Щ                       | _        | Ļ        | _         | 137        | 4            | 4         | _        | Ш              | _        | _        | Н              | $\vdash$  | $\vdash$        | ⊦        |
|     | Ĺ        | 38         | $\Box$           | $\Box$             |                    | Ш                                   | ــــــا  | _            | Ш            |              | Ŀ            |          |   | <u>Ļ</u> | 88             | $\perp$                 |           | 4            | 4   | _        | _            | _        | _         | $\sqcup$                | _        | L        |           | 138        | 4            | 4         |          | Ш              | _        | _        | $\vdash\vdash$ | $\vdash$  | Н               | $\vdash$ |
|     | _        | 39         |                  | L.                 | <u> </u>           | Ш                                   | _        | ļ            | Ш            | _            | $oxed{oxed}$ | Ш        |   |          | 89             | 4                       | $\bot$    | 4            | 4   | _        | [            | _        |           | $\mid \rightarrow \mid$ | 4        | -        |           | 139        | +            | 4         | 4        | Н              | _        | _        | $\vdash$       | $\vdash$  | $\vdash$        | $\vdash$ |
|     | _        | 40         |                  | L                  | <u>_</u>           |                                     |          |              |              |              |              |          |   | 匚        | 90             | $\perp$                 | $\perp$   | 4            | _   | 4        | _            |          | _         | $\Box$                  | _        | -        |           | 140        | 4            | 4         | _        |                | _        | _        | $\vdash\vdash$ | $\vdash$  | Н               | ┝        |
|     |          | 41         |                  | L                  |                    |                                     |          | L            |              |              |              | L.       |   |          | 91             | $\perp$                 | _         | $\perp$      | $\perp$   | _ļ       | _            |          |           | Ш                       | _        | ļ        |           | 141        | 4            | 4         | _        | Ш              | _        | _        | Щ              | $\vdash$  | ⊦⊣              | ⊦        |
|     |          | 42         |                  |                    |                    |                                     |          | Ĺ            |              |              |              |          |   |          | 92             | $\perp$                 |           |              | _[  | _[       | _            |          |           | Ш                       | _        | -        |           | 142        | 4            | _         |          | Ш              | 4        | _        | Н              | $\vdash$  | Н               | ⊦        |
|     |          | 43         |                  | 匚                  |                    | $\Box$                              |          | 匚            |              | $\Box$       | L            |          | Į | <u> </u> | 93             | _ _                     | 4         | 4            | _   | _        | _            | _        | _         | $\sqcup$                | Ц        | -        |           | 143        | 4            | 4         | _        | Ш              |          | 4        | Н              | $\vdash$  | $\vdash$        | ⊦        |
|     | Ĺ        | 44         |                  | $oxedsymbol{oxed}$ | $oxedsymbol{oxed}$ | $\Box$                              |          |              | $oxed{oxed}$ | $oxed{oxed}$ |              | L        | Į |          | 94             |                         | _ _       | $\downarrow$ | _ļ  | _        | _            | _        | Ц         | ╙                       | 4        | L        |           | 144        | 4            | 4         |          | <del> </del> ¦ | 4        | _        | H              | $\vdash$  | H               | ⊦        |
|     | Ĺ        | 45         | _                |                    |                    |                                     |          | $\Box$       |              |              |              |          |   | L        | 95             | _                       | 4         | 4            | _   | _        | _            | _        | Ц         | dash                    | _        | -        |           | 145        | +            | +         | -        | $\vdash$       | _        | _        | $\vdash$       | $\vdash$  | $\vdash$        | ⊦        |
|     | L        | 46         |                  | _                  | $oxed{oxed}$       |                                     | <b>_</b> | ot           | Ш            | L            |              | _        |   |          | 96             | 4                       | 4         | 4            | _   | 4        | _            | _        | Ц         | Ш                       | _        | ŀ        | _         | 146        | +            | $\dashv$  |          | Н              | $\dashv$ | $\dashv$ | H              | H         | H               | ╁        |
|     | L        | 47         |                  | _                  | $\perp$            |                                     | L        | L            | Ш            | _            |              | L        |   |          | 97             | 4                       | 4         | $\downarrow$ | 4   |          | _            | _        | _         | Н                       | 4        | -        | -         | 147        | +            | 4         | _        | Н              | $\vdash$ | _        | $\vdash$       | $\vdash$  | $\vdash \vdash$ | H        |
|     | L        | 48         |                  | $ldsymbol{oxed}$   | oxdot              | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u> | <u> </u>     | <u> </u>     | _            | _            | _        | 1 | <u> </u> | 98             | 4                       | $\dashv$  | $\downarrow$ |   | 4        | _            | 4        | $\dashv$  | $\vdash \vdash$         |          | - }      | _         | 148        | +            | +         |          | $\vdash$       | -        | -        | Н              | ⊢⊣        | Н               | H        |
|     | _        | 49         |                  | ┞-                 | <del> </del>       | ┡                                   | $\vdash$ | <del> </del> | $\vdash$     | <u> </u>     | L            | <u> </u> | ł | <u> </u> | 99             | -                       | -+        | +            | -   | 4        | -            | _        | Н         | Н                       | $\dashv$ | +        |           | 149<br>150 | +            | +         |          | $\vdash$       | -        | -        | H              | Н         | Н               | t        |
|     | ட        | 50         | 1_               |                    | 1                  | $ldsymbol{ldsymbol{eta}}$           | L        | 1            | oxdot        | L            | Ц.           |          | J | ᆫ        | 100            |                         | L         | ┸            |   | 1        |              |          |           | ш                       |          | i.       | _         | . 54       | _            |           |          |                |          |          |                |           |                 |          |

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